Electronic Acknowledgement Receipt		
EFS ID:	8413549	
Application Number:	10803831	
International Application Number:		
Confirmation Number:	5913	
Title of Invention:	Corpus clustering, confidence refinement, and ranking for geographic tex search and information retrieval	
First Named Inventor/Applicant Name:	John R. Frank	
Customer Number:	23483	
Filer:	Phouphanomketh Ditthavong/Abigail Feldman	
Filer Authorized By:	Phouphanomketh Ditthavong	
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Application Type:	Utility under 35 USC 111(a)	

# **Payment information:**

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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		NC73075US_P4231US01_PTOS B80_PTOSB96.pdf	198730 58af560dea112028c37c125a574030e7a3f4 22f9	yes	2

	Multipart Description/PDF files in .zip description			
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.